

FILENAME: PROJECT\SYTRANS\360034\CD\TOL0605.DGN

PROJECT DESCRIPTION

- I. General
- This project involves the modification of an existing traffic signal with interconnect at the intersection of MD 5 (Branch Ave) at Colebrook Drive in Prince George's County, Maryland. MD 5 is assumed to run in a north / south direction.
- II. Intersection Operation
- No change to the existing signal operation is required at this intersection.
- III. Special Notes
- 1.) Maintenance of traffic will be handled by the contractor utilizing the following standard plates for traffic control: 104.00-104.00-30, 104.32-02, 104.33-02, 104.38-02, 104.39-02, 104.40-02, 104.41-02, 104.44-02, 104.45-02, 104.48-02.
- 2.) The following are SHA District 3 Contact persons:
- | | |
|--|---|
| Mr. Richard L. Daff, Sr.
Chief, Traffic Operations
Division (410) 787-7630 | Mr. Charles Watkins
District Engineer
(301) 513-7311 |
| Mr. Majib Shakib
Asst. District Engineer -
Traffic
(301) 513-7358 | Mr. Randy Brown
Asst. District Engineer -
Maintenance
(301) 513-7304 |
| Mr. Augustine Rebish
District Engineer- Utility
(301) 513-7350 | |

EQUIPMENT LIST


A. Equipment to be supplied by the Administration

Item No.	Quantity	Units	Specification Section	Description
	4	EA	814	12 in. 1 way 3 section (R.Y.G) polycarbonate signal head - span mount.
	1	EA	814	12 in. 1 way 5 section (R.Y.G.YA.GA) polycarbonate signal head - span mount.
	2	EA	814	Combination 8 in./12 in. 1 way 5 section (8 in. R.Y.G /12 in. YA.GA) polycarbonate signal head - span mount.
	2	EA	814	12 in. one-way 2 section pedestrian signal head pole mount
	2	EA	814	12 in. two-way 2 section pedestrian signal head - pedestal mount
	2	EA	817	Pedestrian pushbutton and R10-3c sign
	27	SF	813	Sheet aluminum signs consisting of:
		2 EA		R10-12, (36 in. x 42 in.) span wire mount.
		1 EA		D3-2 (var x 16 in.) Dual span wire mount
		1 EA		R10-11b (30 in. x 30 in.) span wire mount

EQUIPMENT LIST

B. Equipment to be furnished and/or installed by the Contractor.

Item No.	Quantity	Units	Specification Section	Description
	2	CY	205	Test pit excavation
	740	LF	555	12 in. white reflective theroplastic pavement marking
	170	LF	555	24 in. white reflective thermoplastic pavement marking
	5	CY	801	Furnish and install concrete for signal foundation.
	2	EA	804	Furnish and install ground rod - 3/4 in. diameter x 10 ft.
	200	LF	805	Furnish and install 3 in. schedule 80 rigid PVC conduit - slotted.
	60	LF	805	Furnish and install 3 in. schedule 80 rigid PVC conduit - trenched.
	400	LF	805	Furnish and install 2 in. schedule 80 rigid PVC conduit - Trenched.
	10	LF	805	Furnish and install 1 in. liquid tight flexible non-metallic conduit for detector wire sleeve.
	30	LF	805	Furnish and install 1 in. electrical conduit - galvanized sleeve
	125	LF	810	Furnish and install No. 6 AWG standard bare copper ground wire.
	410	LF	810	Furnish and install electrical cable - 2 conductor (Aluminum shielded).
	2370	LF	810	Furnish and install electrical cable - 7 conductor (No. 14 AWG).
	1920	LF	810	Furnish and install loop wire encased in flexible tubing (No. 14 AWG).
	4	EA	811	Furnish and install electrical handhole.
	27	SF	813	Install overhead sign - for signals.
	11	EA	814	Install signal head - any type.
	450	LF	815	Furnish and install saw cut for signal.
	1	EA	818	Furnish and install 12 in. X 32 ft. steel strain pole with four - 2 1/4 in. x 96 in. anchor bolts
	290	LF	819	Furnish and install 3/8 in. steel span wire.
	290	LF	819	Furnish and install 1/4 in. tether wire.
	LS	LS	xxx	Removal and disposal of existing materials.
	1	EA	818	Furnish and install 10 ft. breakaway pedestal pole
	1	EA	xxx	Furnish and install breakaway based support system.
	2	EA	xxx	Install pushbutton and sign.
	2	EA	818	Re-ring existing span wire

REVISIONS		APPROVALS		 MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION MD 5 (BRANCH AVE) @ COLEBROOK DRIVE GENERAL INFORMATION SHEET 2 OF 2 LOGMILE #:16000514.30 DATE: / /	
		ASST. DIVISION CHIEF, TEDD			
		ASST. DISTRICT ENGINEER, TRAFFIC			
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION			
		DIRECTOR, OFFICE OF TRAFFIC & SAFETY			
DRAWN BY: DCI		F.A.P. NO.		PLAN	
CHECK BY: DMP		P-388-000-385		SHEET NO.	
SCALE: 8-31-98 1"=20'		COUNTY PRINCE GEORGE'S		TS-1066	
				SHEET NO. OF	